

ZSUZSANNA HORVÁTH

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EDUCATION

- M.S., Applied Mathematics (Statistics Emphasis)
2006–2008 University of Utah
Salt Lake City, UT
- B.S., Mathematics with Emphasis in Statistics
Minor: Economics
2002-2006 University of Utah
Salt Lake City, UT

PUBLICATIONS

- Horváth, L., Horváth, Zs. and Hušková, M. (2008). Ratio tests for change point detection. *Beyond Parametrics in Interdisciplinary Research: Festschrift in Honor of Professor Pranab K. Sen, IMS Lecture Notes-Monograph Series*, Volume 1. 293-304.
- Horváth, L., Horváth, Zs. and Zhou, W. (2007). Asymptotic properties of non-parametric frontier estimators. *Econometric Theory*, Forthcoming.
- Horváth, L., Horváth, Zs. and Zhou, W. (2007). Confidence bands for ROC curves. *Journal of Statistical Planning and Inference*, Forthcoming.
- Aue, A., Horváth, L. and Horváth, Zs. (2006). Discriminating between level shifts and random walks; a delay time approach. *Conference Proceedings, Prague Stochastics* Matfyzpress, Prague. 73-80.

WORK EXPERIENCE

- Instructor University of Utah
Fall 2007 MATH 1070 Introduction to Statistical Inference
Summer 2007 MATH 1070 Introduction to Statistical Inference
Spring 2007 MATH 1070 Introduction to Statistical Inference
- Lab Instructor University of Utah
Fall 2006 MATH 1040 Introduction to Statistical Thinking
Fall 2006 MATH 3070 Applied Statistics I SAS Lab
Spring 2006 MATH 1040 Introduction to Statistical Thinking
Spring 2006 MATH 3070 Applied Statistics I SAS Lab
Fall 2005 MATH 1040 Introduction to Statistical Thinking
Fall 2005 MATH 3070 Applied Statistics I SAS Lab
- Statistics Grader University of Utah
2004-2005 MATH 1070 Intro. to Stat. Inference and MATH 3070 Applied Statistics I
- Statistical Internships
2004 International Severity Information Systems, Inc.
Performed data definition, data collection, and statistical analysis

SKILLS AND ACCOMPLISHMENTS

- 2005–2007 University of Utah Graduate Teaching Assistant
2005–2006 University of Utah Research Assistant/Analyst
2005 Recipient of C. Bryant and Clara C. Copley Scholarship
2004–2006 Participation in the Research Experience for Undergraduates (REU) program at the University of Utah
2003 First Place University of Utah Carlson/Guillemet Calculus Challenge
2002–Present Placement on the University of Utah Dean’s List
- Knowledgeable in SAS, R, LaTeX, Microsoft Excel and Microsoft Word
 - Member of Pi Mu Epsilon National Honorary Mathematics Society

PRESENTATIONS

- Second International Conference on Statistical Models for Financial Data. Graz, Austria, May 2007
- University of Utah Stochastics Seminar April 2007
- University of Utah Undergraduate Research Symposium April 2006
- University of Utah Undergraduate Colloquium October 2006.
- UCTM (Utah Council of Teachers of Mathematics) Annual Conference 2005 Oct 28-29
- UCLA Summer Program in Statistics for Undergraduates 2005 June 19-24

SOME CLASSES TAKEN

MATH 5010 Introduction to Probability	MATH 5030 Actuarial Mathematics
MATH 5040 Stochastic Processes I	MATH 5050 Stochastic Processes II
MATH 5080 Statistical Inference I	MATH 5090 Statistical Inference II
MATH 6890 Introduction to Math Finance I	MATH 6895 Introduction to Math Finance II
ECON 5969 Statistical Programming	ECON 7590 Econometrics
MATH 6820 Time Series Analysis	MATH 6040 Mathematical Probability
MATH 6070 Mathematical Statistics	ECON 7800 Econometrics I
MATH 6010 Linear Models	FINAN 7800 Financial Economics

REFERENCES

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Professor of Mathematics and Statistics
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